ISSUE SLIP STAPLE AREA (for additional cross references) 09/506,808

| POSITION                  | INITIALS | ID'NQ. | DATE |
|---------------------------|----------|--------|------|
|                           | 11 12 12 | y 10 . |      |
| FEE DETERMINATION         | . ;      |        |      |
| O.I.P.E. CLASSIFIER       |          |        |      |
| FORMALITY REVIEW          | 94 1     |        |      |
| RESPONSE FORMALITY REVIEW |          |        |      |
|                           |          |        | 1    |

## INDEX OF CLAIMS

| 1   | Rejected                   | , N  | Non-elected  |
|-----|----------------------------|------|--------------|
| T . | Allowed                    | - L  | Interference |
|     | (Through numeral) Canceled | Α    | Appeal       |
|     |                            | ., 0 | Objected     |

|              | -       |  |          |              |          |          |              |              |  |          | ٦              | Γ.   | Clair    |          |     |      | _        |        | ate        |         |          |               |      | ٦        | ſ        | Clai          | m        |          |             |          | Dat          |              | -              |                |              |              |   |
|--------------|---------|--|----------|--------------|----------|----------|--------------|--------------|--|----------|----------------|------|----------|----------|-----|------|----------|--------|------------|---------|----------|---------------|------|----------|----------|---------------|----------|----------|-------------|----------|--------------|--------------|----------------|----------------|--------------|--------------|---|
| Clair        | -+      | 1                                      | ·r-      | . ,          | ان.      | ate      | 1            | ì            | 1-   | - 1      |                | - }- |          |          |     |      | 10       | ~~~    | 11:        | 1       | _        |               | 7    | ┪        | 1        | $\overline{}$ | _        |          |             |          |              | Σ. I         |                | - 1            |              | Γ            | İ |
| Final        | Cugina  | - 1                                    |          | 1            |          | -        | 1            |              |  |          |                | ŀ    | . 1      | Original | İ   | 1,   | 1        | 1      |            | 1.      |          |               | ı    | ı        | - [.     | _             | Original |          | ļ           | l        | · Ì          |              |                |                |              | 1            | l |
| <del> </del> | ğ       | 1                                      |          |              | l        |          | Į            |              | 1  | 1        | 1              | - 1  | Final    | 핡        |     | ı    | ı        | -      | ļ          | İ       | -        |               | İ    |          | ١.       | Fra           | ₽        |          |             |          |              |              |                |                | ١.           |              | 1 |
| i   (        | 5,[     |  | 1        | _L           | 1        |          |              |              |  |          |                | Ļ    |          |          |     | _    | 4        | 4      | $\perp$    | 4-      | 4        | 4-            | -    | 4        | <u> </u> | ٤,            | 의        | Н        |             |          |              |              |                | ļ              |              | <del> </del> | 1 |
| П            | 7       |  | T        |              | 7        |          |              |              |  |          |                | - [  | - }:     | 51       | İ   |      | .  _     | L      |            |         |          |               | 1    | _].      | L        |               | 101      |          |             | L.       |              |              | ليبا           |                | <del> </del> | ⊢            | 1 |
| 1            | 扌       | -                                      | +        | +            | - -      | 7        | 1            | +            | 1  | 1        | ٦.             | Ī    |          | 62       |     | 7    | 7        | Т      | Т          | T       | Т        | 7             | Т    | ٦        | Γ        | _             | 102      |          |             | _        |              |              | L_             | Ŀ              | L            | _            |   |
| +            | Ŧ       | -+                                     | +        |              | +-       | +        | +            | +            | +  | ┿        | ٦.             | ŀ    |          | 53       | -   | +    | $\neg$   | +      | 1          | 1       | 7        | $\top$        | 1    | ٦        | Γ        | 7             | 103      |          |             |          |              |              | ſ_             | Ī              |              |              | 1 |
| H            | -11     |  |          | +            | -        | +        | +            |              | -+-  |          | -              | 1    | _        | 54       |     | ┽    |          | -+     | +          | ┿       | +        | +             | +    | -        | ٠ ٢      |               | 104      | <u> </u> | -           | _        | _            | _            | _              | _              | T-           | Т            | 1 |
| $\vdash$     | 1       | _                                      | +        | -            | +        |          | -            | +            | -  | +        | -              | }    |          |          |     | +    | +        | ┽      |            | ÷       | +        |               | +    | ⊣        | -        |               | 105      | -        | -           | ┼-       |              |              |                | T              | $\vdash$     | †∵           | 1 |
|              | \$      |  |          | ┙            | $\perp$  | _        |              |              | _  | Ц.       | _              | ļ    | L        | 55       | _   | -    | 4        | 4      | _          | 4       | -        | -             | +    | 4        | -        |               |          | -        | -           | ┝╌       |              |              | ├              | ╁              | ₩            | ┿            | ┥ |
|              | 6       |  |          |              |          |          | -            |              |  |          |                | 1    |          | 56       |     |      |          |        |            | ᆜ.      |          |               | _    |          | L        |               | 106      | ļ        | L           | _        | ļ            | <b>├</b>     | <del> </del>   | ╄              | ╄            | +-           | 4 |
| $\Box$       | 7       |  | 7        | $\neg$       | Т        | T        | T            |              | Т  | Т        | $\neg$         | [    |          | 57       |     | 7    |          |        |            |         |          |               | . 1. |          | ٠L       |               | 107      | <u>L</u> |             |          |              | <u>L</u> .   | <u> </u>       | _              | 4            | ┺            | 4 |
| $\vdash$     | 8       |  | -+       | 7            | -        | _        | 7            |              | 丁  |          |                | ı    |          | 58       |     | ٣.   | T        | П      | T          | Т       | 7        | 7             | T    |          | -        |               | 108      |          | 1           | Ĺ.,      |              | Ш.           | Ŀ              |                | L            | $\perp$      | 1 |
| $\vdash$     | ġ       | -                                      | +        |              | +        | +        | $\dashv$     |              |  | +        | ٦.             |      |          | 59       |     |      | 7        | $\neg$ | ┪          | 7       | 7        | 7             | 7    | $\neg$   | Г        |               | 109      |          | Г           | Γ        | П            | Γ.           | T-             |                | 1            |              | 1 |
| $\vdash$     | 10      | $\vdash$                               | -        | $\dashv$     | +        | +        | +            | -+           | _  | +        | ┪              | Ì    |          | 60       | _   | -    | 7        | 十      | $\dashv$   | Ŧ       | _        |               | 7    | _        | - 1      |               | 110      | 1        | Γ.          | 1        |              | Г            | 1              | Г              | F            | T            | 1 |
| $\vdash$     | 1       | -                                      | +        |              |          |          | +            | +            | $\dashv$   | +        | -              |      | $\dashv$ | 61       | +   | -    | -        | +      | +          | +       | +        | ╅             | +    | ┪        | ŀ        |               | 111      | 1        |             | 1        | 1            | _            | 1              |                | T            | +            | ٦ |
| -            |         | H                                      | -+       |              |          |          | -+           |              | -+   | 4        | $\dashv$       | - 1  | $\vdash$ | 62       | -   | -+   | -+       | ┵      | -          | -+      | +        | +             | +    | $\dashv$ | ·        |               | 112      | +-       | Ι-          | $\vdash$ | <del> </del> | ┰            | 1              | 1              | †            | +            | 1 |
| $\vdash$     | 12      | ┝╌                                     | -        | -            |          | -        | -+           | -            |  | 1        | $\dashv$       | - 1  |          |          | -   |      | -+       | +      | -+         | +       |          | +             | +    | {        | H        |               | 113      | ╁        | $\vdash$    | +        | <del> </del> | <del> </del> | +              | +              | ✝            | +-           | ۲ |
| $\vdash$     | 13      | 1                                      |          | 4            | 4        | 4        | _            | _            | 4  |          | 4              | 1    | Ш        | 63       | -   | -4   | _        | _      | -+         | +       |          |               | +    |          | ŀ        |               |          | ₩.       | 1           | +-       |              | +            | <del> </del>   | +-             | ┿            | +            | 4 |
|              | 14      | Ш                                      |          |              | _        | _        | _            | $\perp$      | _  | _        | _              |      | اا       | 64       |     | _    |          | 4      | _          | _       | 4        | 4             | 4    | 4        | -        |               | 114      | +        | <b> -</b> - | ₩        | Η.           | . 5          | -              | +-             | +-           | +-           | 4 |
|              | 15      |  |          |              |          |          |              |              |  |          | $\Box$         |      |          | 65       |     |      | _        |        | _          | _       |          | 4             | 4    | _        | L        |               | 115      | ↓_       | ļ.,         | 1        | ļ.,          | $\vdash$     | #              |                | ╁-           | +            | 4 |
|              | 16      | Π                                      | T        | Ť            | J        | T        | J            |              |  |          | _]             | 1.   |          | 66       |     |      |          |        | $_{\perp}$ | $\int$  |          |               |      |          | . [      | _             | 116      | 1        | _           | 1        | ľ            | ـــ          | 1_             | 1              | 1_           | 4            | 4 |
|              | 11      |  | 7        |              | $\neg$   | 7        | ٦            |              |  | T        | $\neg$         |      |          | 67       |     |      |          |        |            | Ţ       |          | floor         |      |          | . [      |               | 117      | Ľ        | L.          | L        | نا           | 上            | <u> </u>       | 1              | 上            | $\perp$      |   |
|              | 18      |  | 7        |              | 7        |          | 7            |              |  |          | ╗              |      |          | 68       | П   |      | • 7      | П      | П          | П       | Т        | 1             | 7    | $\neg$   | [        |               | 118      |          | Γ           |          | 1.           | 1_           |                | L              | L            | l            |   |
|              | 19      | Н                                      | 7        | -1           |          | $\dashv$ | -1           |              | _  | _        | $\neg$         |      |          | 69       |     |      | $\neg$   | ╗      | _          | ヿ       | ╗        | _             |      | ᅵ        | Ī        |               | 119      | Т        | Т           | T        | Т            | Ţ-           | Т              | Т              | Т            | Т            | ٦ |
| $\vdash$     | 20      | 1-1                                    | -        | -1           | -        | -        | -1           | 7            | -  | -        | ٦,             |      | -        | 70       | -   |      | -        | ┪      | 7          | _       | 7        | ┪             | +    | ┪        | Ì        |               | 120      | 7        | T           | T        | 1            | 1            | 1              | 1              | 1            | T            | ٦ |
| -            | -       | +                                      |          | $\dashv$     | -        | -        |              |              |  | -        | -              |      | -        | 7.1      | Н   | _    | -        |        | ┯╢         | -       | -        | $\dashv$      | -    | $\dashv$ | 1        |               | 121      | +        | ╁╌          | +        | ┿            | ┼            | +-             | +-             | ╈            | +            |   |
| _            | 2       | 4                                      |          |              |          |          |              |              | -  | $\vdash$ |                |      | -        |          | -   |      | -        |        | -          | -1      | -        | -             |      | $\dashv$ | 1        | _             | 122      | ╂        | ┿           | ┿        | ┿            | +            | +-             | ┿              | +-           | +            | _ |
| <u> </u>     | 2:      | 4                                      | $\Box$   |              | _        |          |              |              |  |          | _              |      | Ŀ        | 72       |     |      |          |        |            | 1       |          |               | -    |          | . !      | -             |          |          | +-          | +-       | +-           | ┿            | +-             | +              | +            | +-           | _ |
|              | 2       | 3                                      |          |              |          |          |              |              |  |          |                |      | $\perp$  | 73       |     |      |          |        |            | _       | _        | _             | 4    |          |          | _             | 123      | 4_       | 4           | 4-       | +-           | +            | +              | +              | +            | +            | _ |
|              | 2       | 1                                      |          |              |          |          |              |              |  |          |                |      |          | 74       |     | L    | Ľ        |        |            |         |          |               |      |          | ا بي د   | <u></u>       | 124      | 1.       | 1           | :        | 1-3          | 4            | .,             | 4              | 4            | -            | _ |
| . [          | 2       | 3                                      |          |              |          |          |              |              |  |          |                |      |          | 76       |     |      |          | ,      |            | 1       |          |               | 3.7  |          |          | Ĺ             | 125      |          | Ľ           | 1        |              | ┸            | ┸              | $\perp$        | 4            | 4            | _ |
| -            | 26      |  |          |              |          |          |              |              |  |          |                | ١.   |          | 76       |     | Γ    | 1        | 35     | -          |         | 1        |               | 2.   |          |          | Γ.            | 126      |          |             |          |              | $\perp$      | . 12           | ĿL             | $\perp$      | _            | _ |
| -            | 2       | 1                                      |          | 1-           |          |          | -            | 1            | <del>                                     </del> |          | _              |      |          | 77       | 1   | П    | 1        | _      |            | 1       |          | $\overline{}$ |      |          |          |               | 127      | 77       |             |          | Т.           | Ţ            | 7              | ī              | Т            |              |   |
| -            | 2       | <del>    -  </del>                     | ╁        | ┢╌           | -        |          |              | -            | -  |          | Н              | 1    | -        | 78       |     | ┍    | 1        | -      |            |         |          | $\overline{}$ | Ä,   | _        |          | -             | 128      | 7        |             | 十        | ╅            | $\top$       |                | 7              | Т            | Т            | - |
| -            | 2       | <u>:</u>                               |          | ┢            | Н        | Н        | <u> </u>     | -            |  | -        | $\vdash$       | ł    | -        | 76       |     | -    | ١.       | ┷      | -          | 777     |          |               | 7.   | -        | ŀ        | -             | 129      |          |             | -        | +            | o            | +-             | -              | +            | +            | _ |
| -            | -       | -                                      | -        | -            |          |          |              | -            | ⊢  | Η-       | -              |      | -        | 80       |     |      | 7        |        | -          | 75      | 7        | 7             | 79   | -        |          | H             | 130      | ╅        | ┿           | +        | +            | 十            | ╅              | +              | +            | +            | _ |
| ļ            | 3 3 3 3 | -                                      | _        | -            |          |          | _            | ├            | <u> </u>   | H        | H              |      | -        |          |     | 10.  | ├-       |        | -          | -       | Н        | -             | -    | -        | ĺ        | ⊢             |          | +-       | +           |          | +            | +            | ┿              | +              | ┿            | +            | - |
| <u> </u>     | 13      | '                                      |          | _            |          | _        | _            | <u> </u>     | <u> </u>   | _        | $\vdash$       | ١.   | ļ        | 8        |     |      | 1        | _      | _          |         | Н        |               | -    | -        |          | ⊢             | 131      |          | ┽╌          | +        | ╬            | ╁            | +              | +              | +            |              | - |
| <u>_</u>     | 3       | 2                                      | L_       | _            |          |          |              | <u> </u>     |  | _        | Щ              |      | $\vdash$ | 82       |     |      | _        | L_     |            |         |          | _             | _    |          | l        | ┡             | 132      | 1        | +           | 4        | +            | +            | +              | +              | +            | +            | _ |
| _            | 3       | 3                                      |          |              |          |          |              | _            |  |          |                |      | L        | 83       |     | L    | L        | Ľ      |            | -       |          | $\perp$       | - 1  |          |          | _             | 133      |          | <u> '`</u>  | 4        | 4            | 4            | 4-             | +              | +            | 4            | _ |
|              |         |  |          |              |          |          |              | L            | L  |          |                | j    |          | 84       |     |      |          | Ŀ      |            |         |          |               | ı    |          |          | با            | 134      | $\perp$  | $\perp$     | 丄        | 1            | 1            | 1              | 4              | 4            | 4            | _ |
|              | 38      |  |          |              |          |          |              | L            | L  | LÏ       |                | ]    |          | 86       | _   |      | Ĺ        |        |            | 1       | Z        |               | Ý    |          | l        | Ĺ             | 135      |          | $\perp$     | بلد      | 1            | 1            | 1              | 丄              | <u>ا</u> لـ  | 1            | _ |
|              | 36      | 3                                      |          |              |          |          |              |              |  |          |                | 1    |          | 86       |     | Г    |          |        |            | 7,      |          | П             | :    |          | ļ        | Ĺ             | 136      | ╧        | ľ           | ⊥        | Ш.           | L            | L              | $\perp$        | $\perp$      | Ŀ            | _ |
|              | (3      | 7                                      | 1        |              |          |          |              | -            | -  | 1        |                | ĺ    |          | 87       |     |      |          | 14     |            | Sin 1   | 31:      |               |      | ν,       | ١        |               | 137      | Т        | T           | Т        | T            | T            | T              | T              | T            | Τ.           | _ |
| -            | 30      |  | +        |              | $\vdash$ | $\vdash$ | -            | <del> </del> | $\vdash$   | 1        | -              |      | $\vdash$ | 86       |     | 12   | 100      | ۳      |            |         | <u>.</u> |               | #    | -        | Hy:      | <u> </u>      | 138      | 1        | $\top$      | 1        | $\top$       | $\top$       | 1              | 7              | 7            | 7            | _ |
| -            | 3       |  | $\vdash$ | H            | Н        | $\vdash$ | <del> </del> | -            | ├-   | +        |                | 1.   | $\vdash$ | 8        |     | 7.7  | -        |        | -          | -1      | 4        | 2.5           |      |          | G:       | -             | 139      | 1        | +           | +        | +            | +            | +              | +              | $\top$       | +            | _ |
| -            |         |  | ⊢        | ├            | -        |          |              | ├            | ├  | +-       |                | ł    | -        |          |     |      | -        | ÷      | 1.0        | 2.00    | -        |               |      | Η-       |          | -             | 130      | -        | +           | +        | ╫            | +            | +              | +              | 十            | -+           | - |
|              | 40      | _                                      | 1        | <del> </del> | _        | _        | <u> </u>     | <u> </u>     | L-   | 1        | L_             | 1    | <u> </u> | . 90     |     |      | L        | 1.     | ۱.         |         | 20       |               | 33.  |          | 1        | Ŀ             | 140      |          | 1           | 4        | -            | +            | +              | +              | +            | +            |   |
| L            | 4       |  | L        | L            | L        |          | _            |              | L  | L        |                |      | L        | 9        |     |      | 1        | L.     | L          |         | ξ        |               |      |          | Ĭ        | L             | 141      |          |             |          |              | $\perp$      | $\perp$        | 4.             | 4            | 4            | _ |
|              | 42      |  | Π        | 1            |          |          |              | Π            | Γ  |          | T              | ] .  |          | 9:       | 2   | · (, |          | 1      | ١.,        |         | - S      | 100           | 15   |          |          | Γ             | 142      | 1. 3     | $\Gamma$    |          | ſ            | ┙            | لَــــ         |                | 1            |              | _ |
|              | 4:      |  | 1        | 1            | 1-       | 1        | 1            | 1-           | 1-   | 1-       | 1-             | ١    | $\vdash$ | 9        |     | 1    | 1        |        | 1          | 13      |          |               | 3    | T-       | 1        | -             | 143      |          | ┰           | 7        | T            | 7            | T              | T              | Т            | T            |   |
|              | 4       | -                                      | +-       |              | +        |          | +            | +-           | +  | +        | <del>  -</del> | t    | -        | 9        |     | +-   | +        | -      | 1          | -       |          | 4.7           | 17   | 1 -      |          | -             |          | g ·      | =           | +        | +            | 十            | 十              | $\top$         | ナ            | +            | _ |
| -            | 14      | 4<br>5 D -                             | +        | +-           | +-       | +-       | 1            | +            | +-   | +        | -              | 1    | -        | 8        |     |      | 1        | -      | 11:        | <u></u> | -        |               |      | _        | 1        | H             |          | -        | +           | +        | +            | +            | +              | +              | +            | +            | _ |
| $\perp$      | _       |  | +        | 4            | ┼-       | ļ        | <del> </del> |              |  | +-       | <del> </del>   | ١٠.  | -        |          |     |      | 1        | 1      | 1          | 71      | 24.7     | -             | · 新  |          | Ţ        | $\vdash$      | _        | +        | +           | +        |              | +            | +              |                | +            | +            | _ |
| <u></u>      | 4       |  | 1_       | <u></u>      | ↓        | $\perp$  | ↓_           | 1_           | 1_   | L.       | <u> </u>       | 1.   | . L      | 9        |     |      | 1        | 1-     | ļ          | 127     | 200      | -             | 47   | -        | 1        | <u> </u>      | 146      |          | 4           | $\perp$  | 4            |              | 4              | 4              | 4            | 4            | _ |
| 1            | 4       |  | 1        | l.           | 1        | 1        | 1            |              | ]  |          | 1              | ]    |          | 9        |     | 1.   |          | 1      | 10         |         |          | L             | ě.   |          | ]        | L             | 147      |          | . [.        |          |              | 丄            | ᆚ              | _              | ┙            | _            |   |
|              | 4       | 3                                      | Т        | 1            | 1        | Т        | Т            | 1            | Т  |          | Г              | 1    | Γ        | 9        | 8   | Т    | 1        | 1      | 32.7       | 200     | Th.      | 10.           | 響    |          | 1        | Г             | 148      |          | T           | $\Box$   |              | $\prod$      | $\perp \Gamma$ | $\perp \Gamma$ |              | ال           | _ |
|              | 4       |  | 1        | 1            | 1        | 1        | $\vdash$     | 1            | 1-   | 1        | 1              | 1    |          | 18       |     |      |          | 1      | . E.,      | 41      | 12.5     | 1             | 117  |          | 1        | Г             | 148      | -        | $\neg$      | 1        | Т            | Т            | T              |                | _T           | $\cdot$ T    | _ |
| -            | 50      |  | +        | 1            | 1        | 1        | 1            | +-           | +  | +-       | 1              | 1    | Τ,       |          | o.  | 1    | 1        | 1      | +          |         | 10.0     |               | 15   | 1        | 1        | Г             | 150      |          | $\dashv$    | . 1      | 7            | T            |                | T              | 丁            | T            | _ |
| <u> </u>     | 17,     | ــــــــــــــــــــــــــــــــــــــ | _        | -            | +        | -        | 1            |              |  |          | -              |      | _        |          | نبت | ٠,   | <u> </u> |        | -          | -       | 1        | -             | •    |          | -        | _             |          |          | -           |          |              |              |                | .,             |              |              | - |

It more than 150 claims or 10 actions staple additional sheet here

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